Color DUAL QUAD Splitter EVB User Manual

1 KEYPAD PANEL DESCRIPTION 2

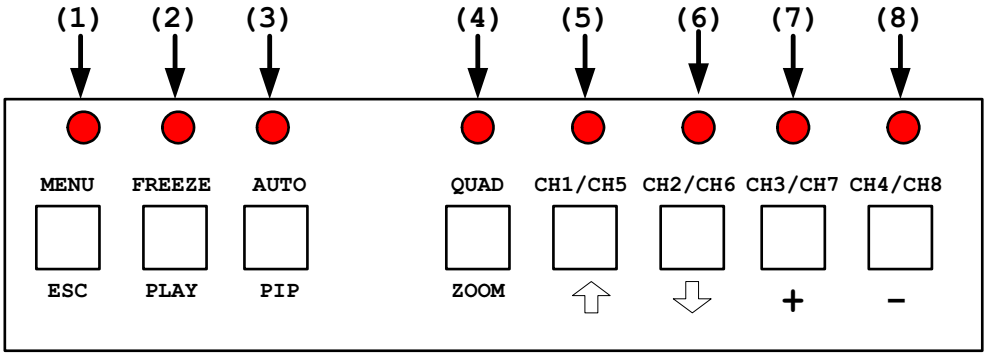
2 KEYPAD FUNCTION 3

2.1 CH1/CH5,CH2/CH6,CH3/CH7,CH4/CH8 3
2.2 AUTO 3
2.3 QUAD 3
2.4 ZOOM 3
2.5 PIP 3
2.6 FREEZE 4
2.7 PLAY 4
2.8 MENU 4
2.9 CHANGE MODE 4
2.10 CHANG QUAD OF 8 CHANNELS 4
2.11 CHANG OF CHINESE/ENGLISH LANGUAGE 4

3 MAIN MENU 5

3.1 TITLE SETUP 5
3.2 DATE/TIME SETUP 6
3.3 DECODER SETUP 7
3.4 SENSITIVITY SETUP 8
3.5 EVENT LIST 9
3.6 AUTO SEQUENCE SETUP 9
3.7 BUZZER/MIRROR AND BORDER SETUP 10
3.8 KEY LOCK SETUP 11

1 Keypad Panel Description



Note: (*L) – Press key continuously for about 2 seconds to enter menu options.

(**S) – Press key to enter menu options.

(1) MENU (**S): Enter main menu mode.
ESC (*L): Escape to the previous display mode.

(2) FREEZE (**S): Press Freeze button to freeze/un-freeze display window.
PLAY (*L): Enter to toggle switch the Playback function.

(3) AUTO (**S): Auto Channel switching ON/OFF.
PIP (*L/**S): Enter or Exit Picture In Picture (PIP) display mode.

(4) QUAD (**S): Enter QUAD display mode.
ZOOM (*L/**S): Enter or Exit ZOOM display mode.

(5) CH1/CH5(⇑): Channel 1 Full display/Up direction button.

(6) CH2/CH6(⇓): Channel 2 Full display/Down direction button.

(7) CH3/CH7(+): Channel 3 Full display/Right direction/Increase button.

(8) CH4/CH8(-): Channel 4 Full display/Left direction/Decrease button.

2 Keypad Function

2.1 Ch1/Ch5,Ch2/Ch6,Ch3/Ch7,Ch4/Ch8

Press the respective button (CH1/CH5, CH2/CH6, CH3/CH7 or CH8) to display the channel in FULL display mode.

2.2 Auto

Press the AUTO (**S) button to sequentially display the turned-on video channels (CH1/CH5, CH2/CH6, CH3/CH7, CH4/CH8 and QUAD if turned ON in the Auto sequence setup mode) in the display window.

2.3 QUAD

Press the QUAD (**S) button to enter QUAD display mode.

2.4 ZOOM

In the full screen display mode, to press the “ZOOM” (*L) button will enter ZOOM in setup mode. The user can use the “up”, “down”, “left” and “right“ buttons to move the ZOOM-in frame. To press the “ZOOM” (**S) button will zoom in two times the selected area. Users can press buttons “up”, “down”, “left” or “right“ to locate the ZOOM-in frame in the Zoom-in mode its results in a panning-like effect on the display window. Press the button “ZOOM” (**S) again will return to the previous display mode. In the Zoom in setup mode, to press the “ZOOM” (**L) button the display will return to QUAD mode.

2.5 PIP

Press button “PIP” (*L) to enter PIP setup mode. By default, the main window is set on channel 1 and sub-window on channel 2. While, the main window is flashing, the user can press the “up” or “down” button to select the video channel for main window. Then press the “PIP” (**S) button to select the video channel for sub-window. After selecting the video channel for sub-window and pressing the “PIP” (**S) button again, the sub-window will stop

flashing, the user can press the “up” or “down” button to select position of sub-window in any one of four channels . To press the “PIP” (**L) button again, the display will return to QUAD display mode.

2.6 Freeze

In the full screen display mode, to press the “Freeze” (**S) button will freeze/un-freeze the display window.

2.7 Play

To press the “PLAY” (*L) button will toggle switch the video source of CH4 between Camera and VCR.

2.8 Menu

Any time (except Play see 2.7) to press the “MENU” button will enter or exit menu mode .

2.9 Change mode

To press the “MENU”, “FREEZE” and “CH2/CH6” or “CH3/CH7” buttons together in the same time will switch the video mode between PAL and NTSC. After power on, mode will be auto detected if images in any channels. Mode will be the channel 1 image mode if it has image. If channel 1 has no image, mode will be channel 2 image mode and so on. If no images in 4 channels. Mode will be the last mode when power off.

2.10 Chang quad of 8 channels

To press the “MENU” and “QUAD” button together in the same time will switch automatically between CH1/CH2/CH3/CH4 and CH5/CH6/CH7/CH8. If enter menu mode and first item “”title setup” is flashing, then press the “MENU” and “QUAD” buttons together in the same time will toggle switch between CH1/CH2/CH3/CH4 and CH5/CH6/CH7/CH8.

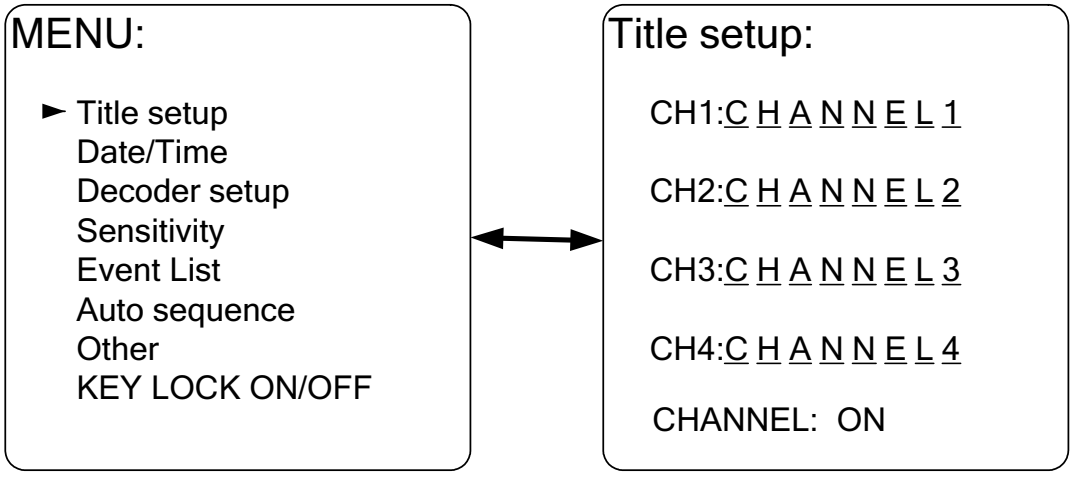
2.11 Chang of Chinese/English language

To press the “QUAD” , “AUTO” and “CH1” button together in the same time will switch between Chinese and English language.

3 Main Menu

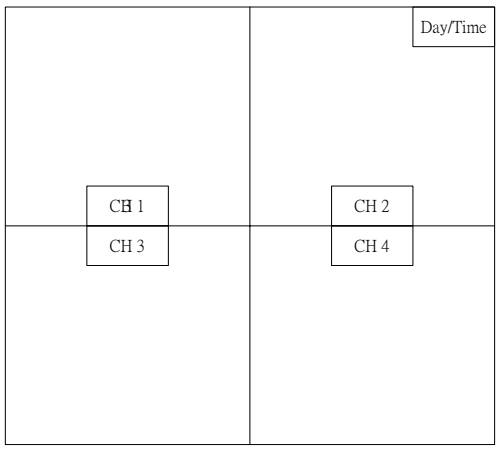
Press the "MENU" (**S) button to enter menu mode and press the "Up" or "Down" button to select the setup item.

3.1 Title setup

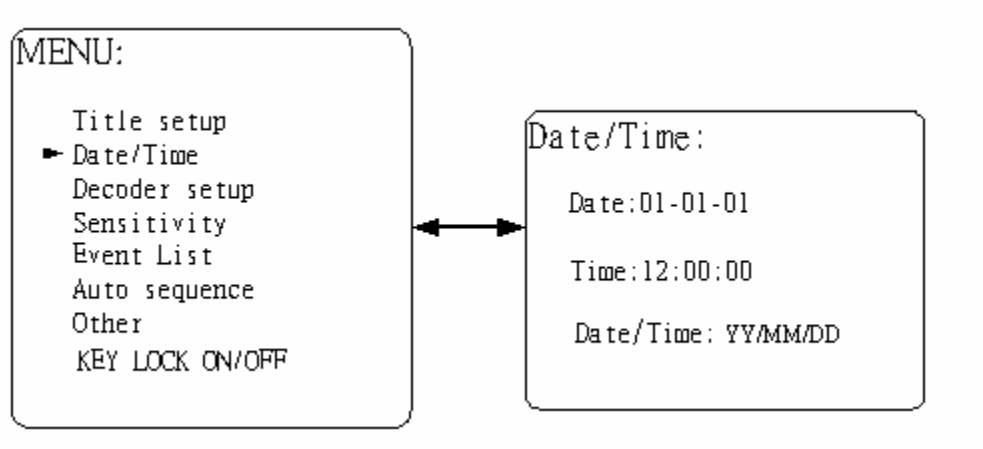


For the "Title setup" setting, press the "MENU" (**S) button to enter title setup mode. Users can use the buttons "Up", "Down", "Increase" and "Decrease" to select the title characters. There are four titles, one for each channel needed to be adjusted. There are at most 8 characters for each title. The title is displayed at fixed position, as shown on the Fig below. When set CHANNEL ON, display the title. When set CHANNEL OFF, not display the title.

Press ESC (*L) button will return to the previous display window.



3.2 Date/Time setup

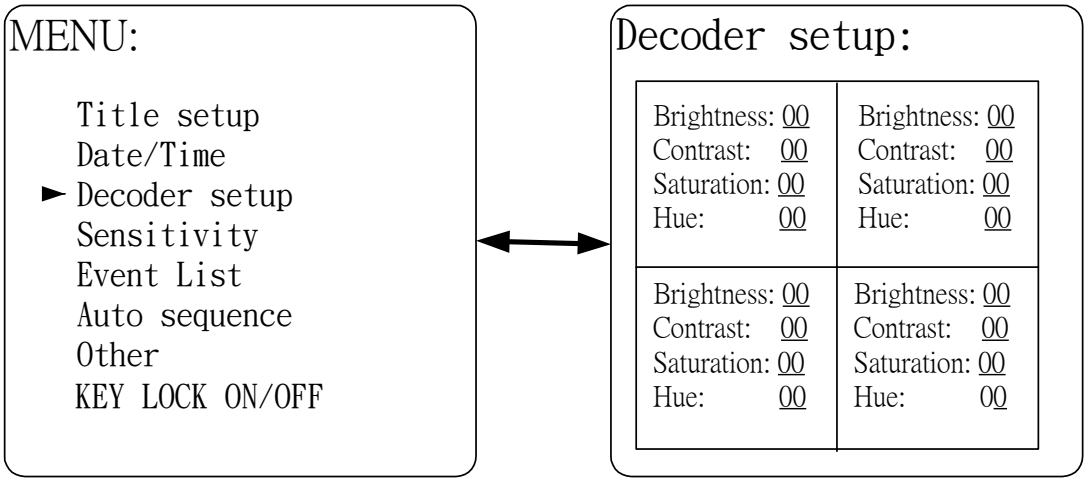


For the “Date/Time” setting, press the “MENU” (**S) button to enter Date/Time setup mode. Users can use the buttons “Up”, “Down”, “Increase” and “Decrease” to set the Date and Time and Date/Time display format.

Date setting:	YY-MM-DD (Year-Month-Day):
	YY (Year): Range from 00 to 99
	MM (Month): Range from 01 to12
	DD (Day): Range from 01 to 31
Time setting:	HH-MM-SS (Hour-Minute-Second):
	HH (Hour): Range from 00 to 24
	MM (Minute): Range from 00 to 60
	SS (Second): Range from 00 to 60
Date/Time format:	YY/MM/DD (Year-Month-Day):
	MM/DD/YY (Month-Day-Year):
	DD/MM/YY (Day-Month-Year):
	OFF(Not display date/time)

Press ESC (*L) button will return to the previous display window.

3.3 Decoder setup



For the “Decoder setup” setting, press the “MENU” (**S) button to enter Decoder setup mode. Users can use the buttons “Up”, “Down”, “Increase” and “Decrease” to adjust the Brightness, Contrast, Saturation and Hue level for each decoder (camera).

Decoder: There are 4 TV decoders relative to 4 video input sources. Each decoder has its own setup items of brightness, contrast, saturation and hue. Users can use “Up” and “Down” buttons to select the setup items.

Brightness: There are 64 brightness levels for each channel, level “63” represents the highest brightness and “0” represents the lowest. Users can use “Increase” and “Decrease” buttons to adjust the brightness level.

Contrast: There are 64 contrast levels for each channel, level “63” represents the highest contrast and “0” represents the lowest. Users can use “Increase” and “Decrease” buttons to adjust the contrast level.

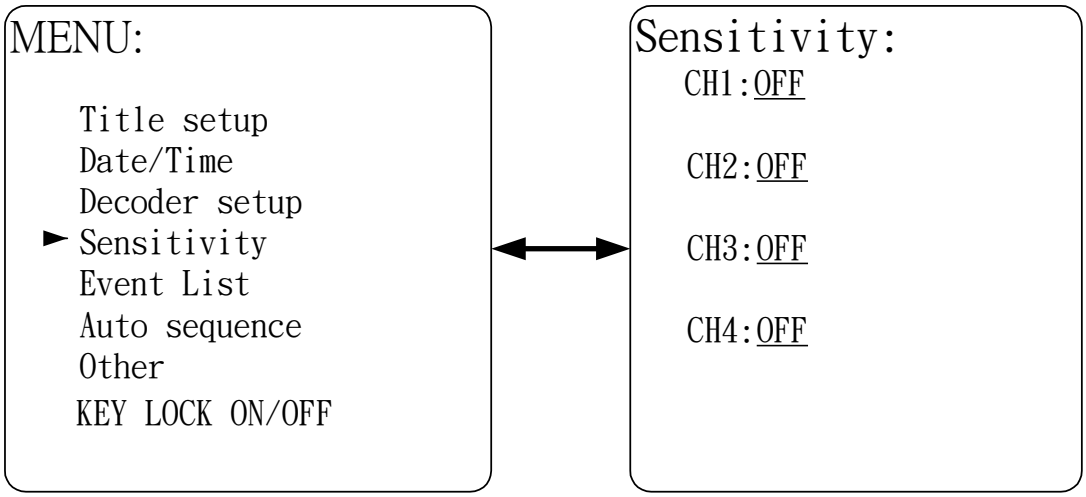
Saturation: There are 64 saturation levels for each channel, level “63” represents the highest saturation and “0” represents the lowest. Users can use “Increase” and “Decrease” buttons to adjust the saturation level.

Hue: There are 64 hue levels for each channel, level “63” represents the

highest hue and “0” represents the lowest. Users can use “Increase” and “Decrease” buttons to adjust the hue level.

Press ESC (*L) button will return to the previous display window.

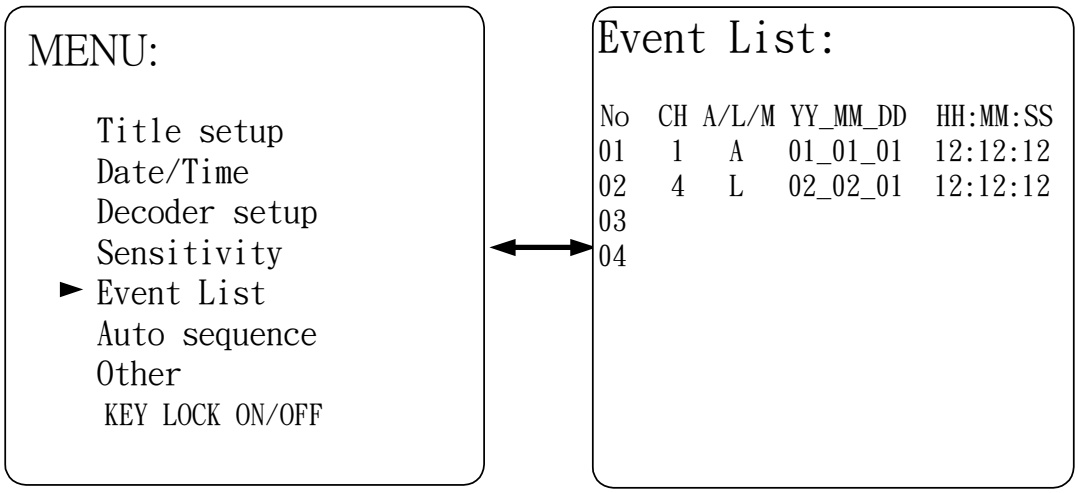
3.4 Sensitivity setup



For the “Sensitivity” setting, press the “MENU” (**S) button to enter into the sensitivity setup mode for motion detection. Users can use the buttons “Up”, “Down”, “Increase” and “Decrease” to adjust the sensitivity level for each channel. There are 8 sensitivity levels for each channel, level “7” represents the highest level of sensitivity and “0” switches off the motion detection.

Press ESC (*L) button will return to the previous display window.

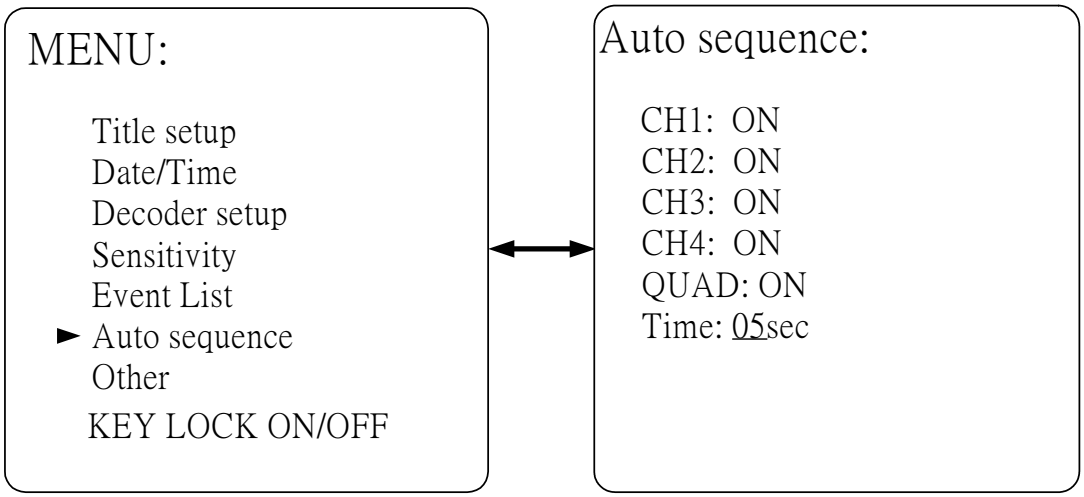
3.5 Event List



For the “Event List” setting, press the “MENU” (**S) button to enter event list mode. There are two pages for events recording. Each page contains 10 records of Alarm, video Loss or Motion detection. Press button “Up” or “Down” to switch the display of two page records.

Press ESC (*L) button will return to the previous display window.

3.6 Auto sequence setup

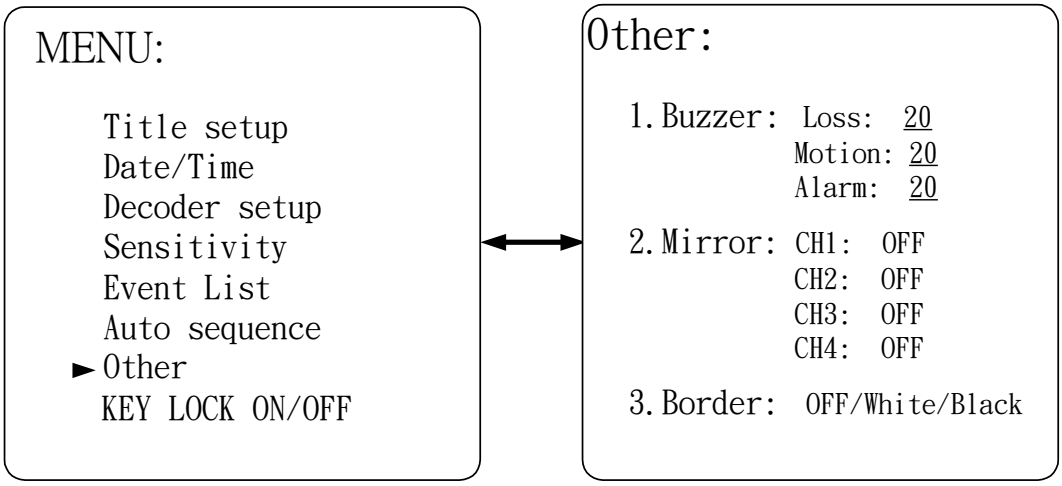


For the “Auto sequence” setting, press the “MENU” (**S) button to enter auto sequence setup mode. Users can use “Up” or “Down” button to select the item and use the “Increase” and “Decrease” buttons to adjust the ON/OFF mode for full screen display of each channel and Quad display, and the time duration. The range of time duration is from 0 to 99 seconds. This time is also the automatically switching time duration

between CH1-CH4 and CH5-CH8.

Press ESC (*L) button will return to the previous display window.

3.7 Buzzer/Mirror and Border setup



For the “Other” setting, press the “MENU” (**S) button to enter other item setup mode. Users can use “Up” or “Down” button to select the setup item and use the “Increase” and “Decrease” buttons to adjust the time duration for buzzer, the ON/OFF mode for mirror channel and color of window border.

1. **Buzzer**: Use these settings to set the duration of buzzer active when video loss, motion detected and an alarm occurs. The range of time duration is from 1 to 99 seconds.
2. **Mirror**: Use these settings to choose whether displaying the mirror image for each respective channel.
3. **Border**: Use this setting to choose whether displaying the window border and the color of border.

Press ESC (*L) button will return to the previous display window.

3.8 Key Lock setup

For the “KEY LOCK ON/OFF” setting, press the “MENU” (**S) button to enter key lock setup mode. Users can use “Up”, “Down”, “Increase” or “Decrease” button to set the Key Lock ON or OFF. When the Key Lock is set to ON, all other keys except the “MENU” button will be locked. Users need to press the “MENU” (**S) button to enter MENU mode and un-lock the Key Lock function by setting the Key Lock to OFF.

Press ESC (*L) button will return to the previous display window.